

Form PTO-1449

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2870-0257PAPPLICATION NO.
10/621,400

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

APPLICANT
Masaaki TERASHIMA et al.

MAR 15 2004

(Use several sheets if necessary)

FILING DATE
July 18, 2003GROUP
1753**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
an	US 4,707,243	A	1987-11-17	Seshimoto et al.	204	418	
an	US 4,555,274	A	1985-11-26	Kitajima et al.	148	240	
an	US 4,789,435	A	1988-12-06	Seshimoto et al.	205	789	
an	US 4,842,712	A	1989-06-27	Seshimoto et al.	204	403.01	
	US						
	US						
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FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
an	JP	3-54788	B2	1991-08-21	JAPAN	601N	27/333	X	
an	JP	4-50530	B2	1992-08-14	JAPAN			X	
an	JP	4-76577	B2	1992-12-04	JAPAN			X	
an	JP	5-56819	B2	1993-08-20	JAPAN			X	

OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER

an Nagasawa

DATE CONSIDERED

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2870-0257P

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